



Application No.: 09/058,589

Docket No.: HO-P02681US1

**CHANGES TO THE DRAWINGS**

Amended figure 2 and 5 are included herein, in which the amendments are indicated in red. The amendments to the figures are merely to clarify the panels.

In addition, Applicants submit herewith formal drawings that are to be substituted for the drawings that were originally filed.

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 INDUCED TUMOR NECROSIS FACTOR-ALPHA  
 PRODUCTION AND THERAPEUTIC APPLICATIONS

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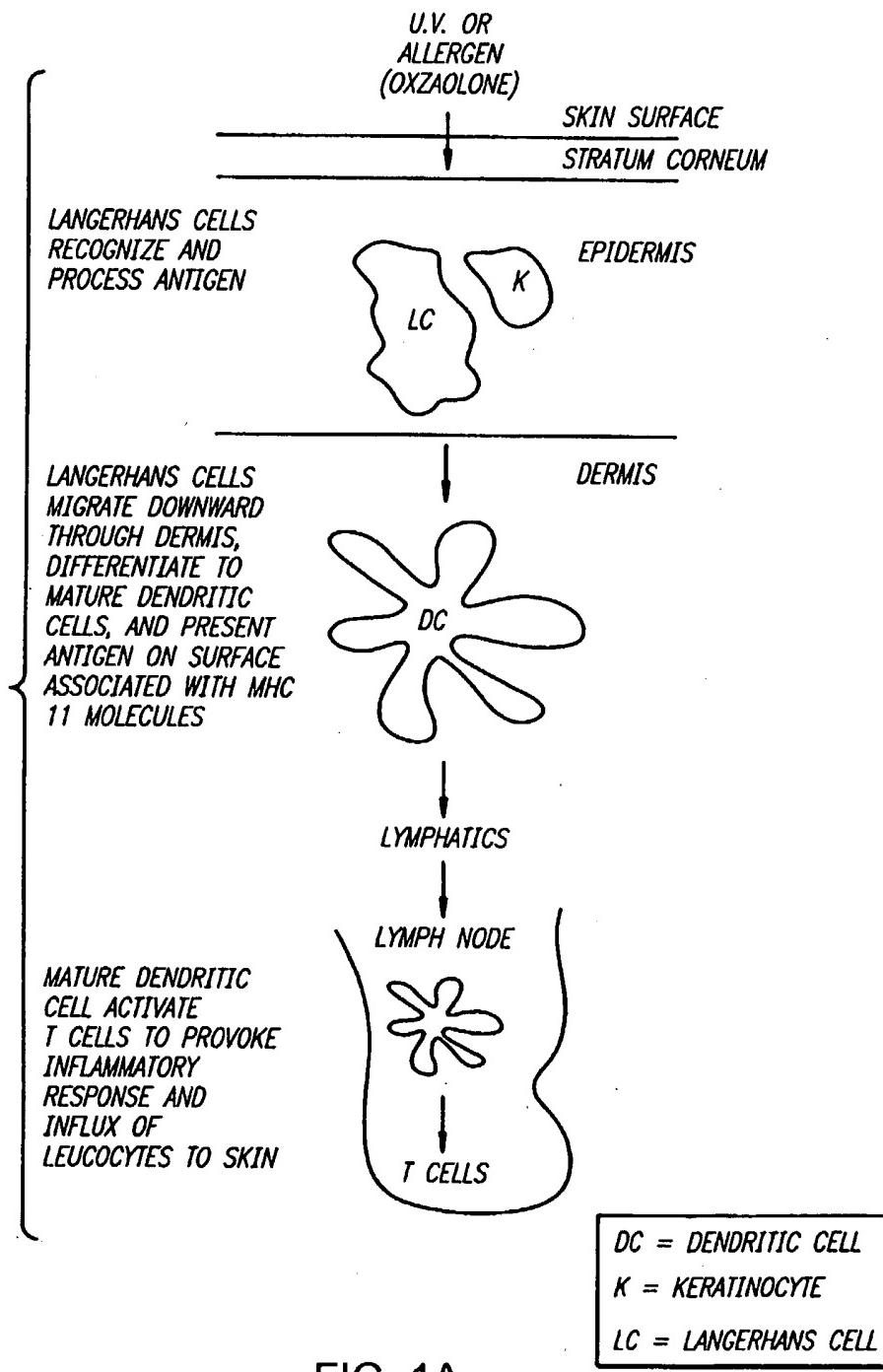
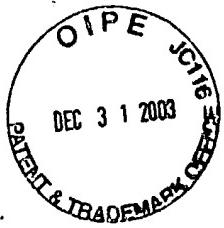
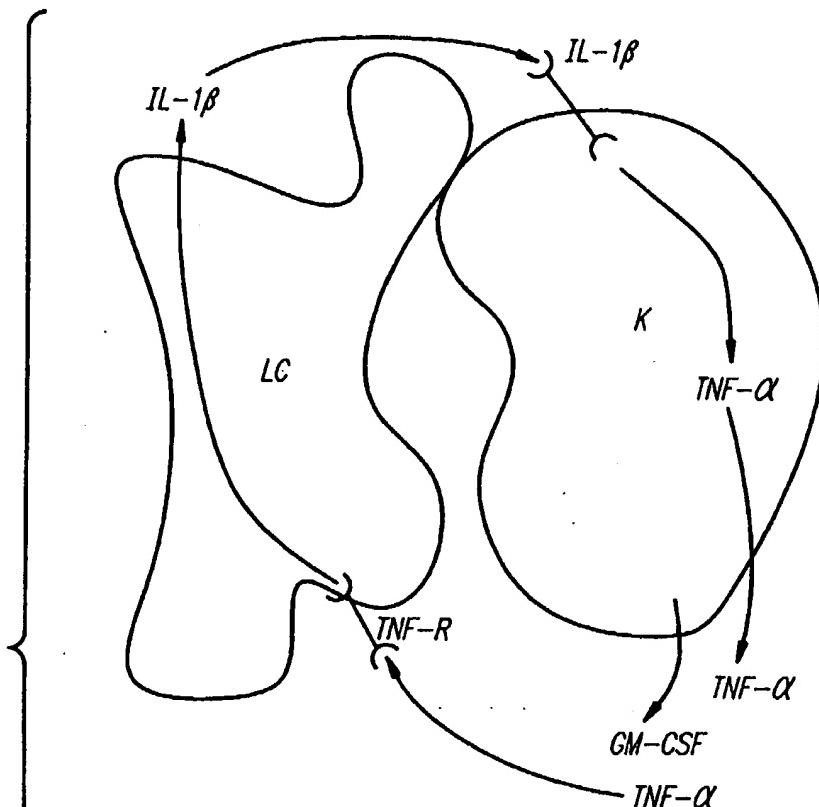


FIG. 1A



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*IL-1 $\beta$  PRODUCED LANGERHANS CELLS*

*IL-1 $\beta$  BINDS TO RECEPTORS ON K CELLS AND  
INDUCES PRODUCTION OF TNF- $\alpha$*

*TNF- $\alpha$  PROMOTES LANGERHANS CELL MIGRATION AND  
ACCUMULATION OF DENDRITIC CELLS AT LYMPH NODE*

*RESP ALLERGY      TH2  
DTH                  TH1*

*KERATINOCYTES PRODUCE TNF- $\alpha$  IN RESPONSE TO  
SKIN IRRITATION, SENSITIZATION OR U.V. LIGHT*

**FIG. 1B**



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FIG. 2B

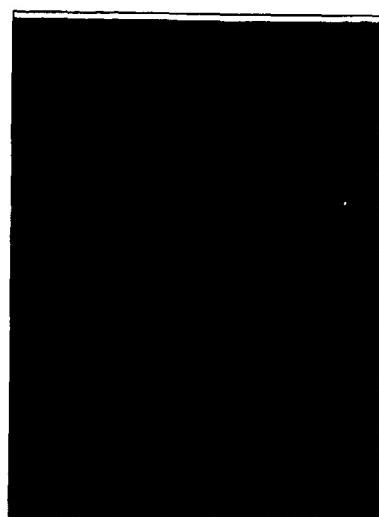


FIG. 2D



FIG. 2A



FIG. 2C



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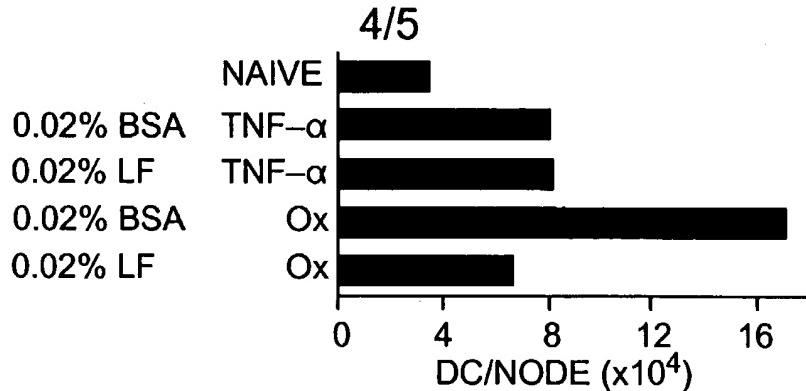


FIG. 3A

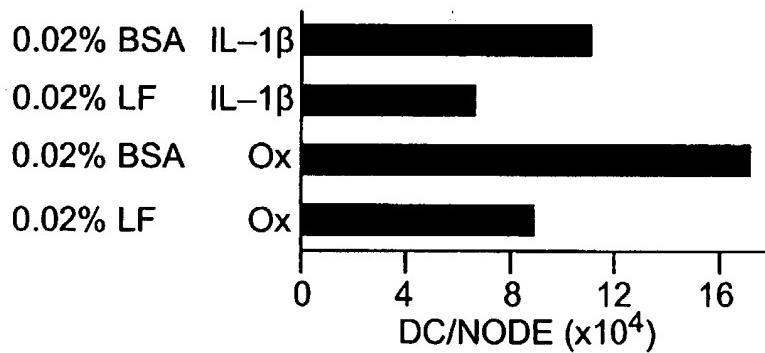


FIG. 3B

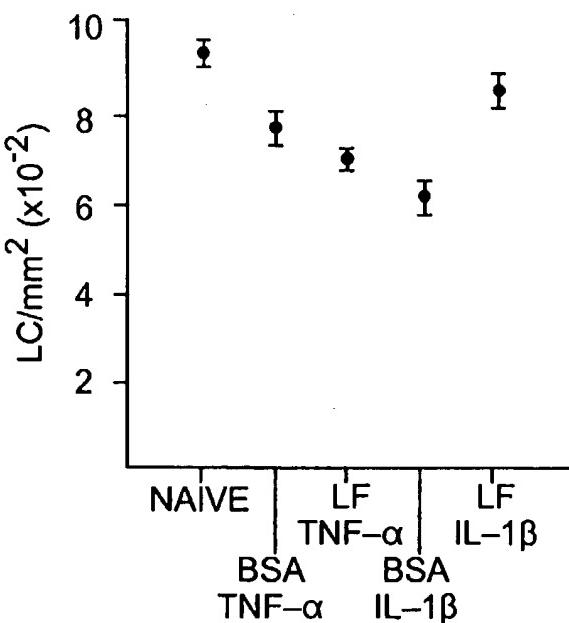


FIG. 4



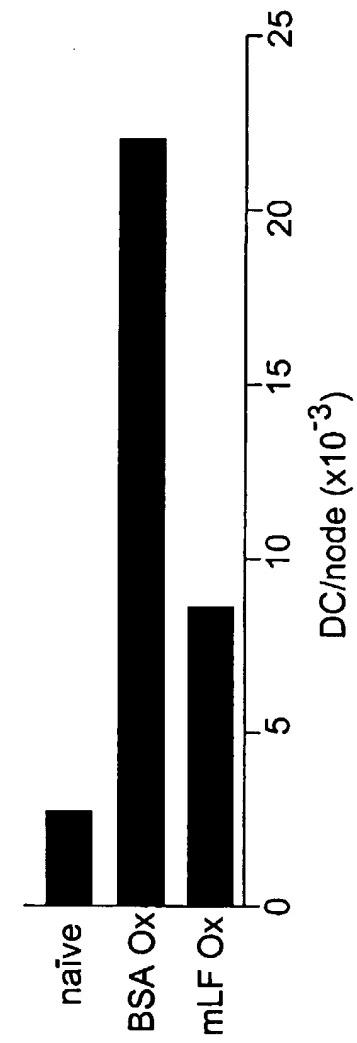
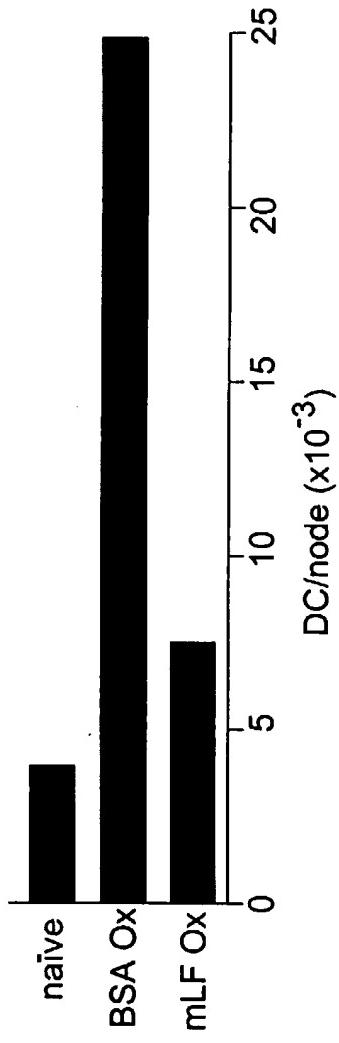
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## Competitive Binding of Lactoferrin to Mouse Epidermal Cells

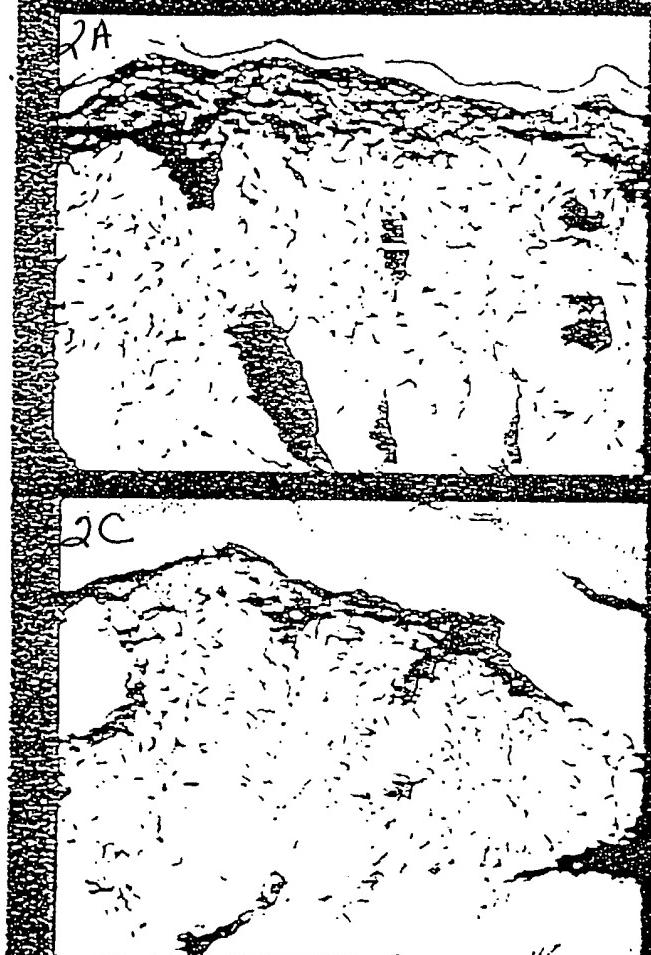
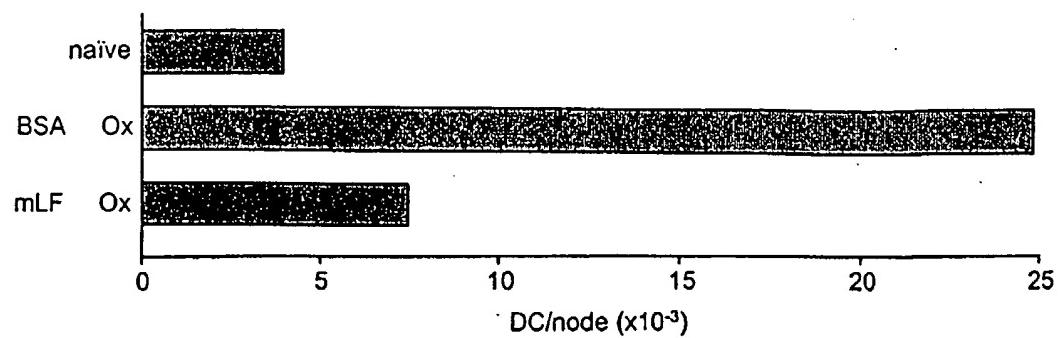
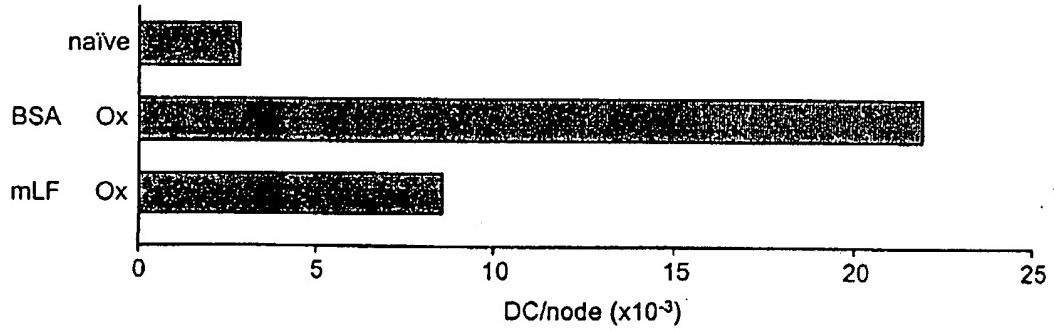


FIGURE 2

A



B



**FIGURE 5**